On page 11, delete the paragraph beginning at line 16 and replace it with the following:

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If a determination is made not to assign a read destination code to a location the item may be recirculated by directing it to paths P_1 or P_2. The item may be kept in the recirculation path until additional items having the same destination code are read. When a predetermined number of items having the same destination are read, then the system may assign a location for that destination and load those items in a container at the location. Alternatively, when a determination is made not to assign a read destination code a location, items may be rejected, by removing them from the conveyor system using, for example, an automated kick plate to push the items to a rejection bin.

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IN THE CLAIMS:

9.   (Amended)   A dynamic sortation system comprising:

a cell having a plurality of locations, each location defining a position for a container and having a speed of loading rating;

a sort scheme module operable to generate a database and storing a scheme of destinations;

a controller coupled in data communication with the sort scheme module; and

an item reader coupled in data communication with the controller and operable to read a destination code from each of a plurality of items,

wherein, the sort scheme module is operable to determine whether a read destination code is assigned a location in the cell, and if the destination code is assigned a location, generating an instruction to load the item in a container at the assigned location, and if the destination code is not assigned a location, determining whether to assign the destination code a location based on whether the destination code is in the scheme of destinations and the projected or historical number of items having the same destination code.

15.   (Amended)   A method of sorting a plurality of items by destination in a robotic system, the method comprising:

defining a plurality of locations in a robotic cell, where each location is a position for a container;

creating a scheme of destinations;

reading a destination code from each of the plurality of items;

determining whether the destination code is assigned a location;

if the destination code is assigned a location, picking-up the item and loading the item in a container at the assigned location;

if the destination code is not assigned a location, determining whether to assign the destination code a location based on whether the destination code is in the scheme of destinations and the historical number of items having the same destination code.

18.   (Amended)   A method as claimed in claim 15, further comprising:

recirculating an item when a determination is made not to assign the destination code a location in the robotic cell.

24.   (New) A method of sorting a plurality of items by destination in a robotic system, the method comprising:

defining a plurality of locations in a robotic cell, where each location is a position for a container;

creating a scheme of destinations;

reading a destination code from each of the plurality of items;

determining whether the destination code is assigned a location;

if the destination code is assigned a location, loading the item in a container at the assigned location;

if the destination code is not assigned a location, determining whether to assign the destination code a location based on whether the destination code is in the scheme of destinations and the projected number of items having the same destination code.

25.   (New) A method of sorting a plurality of items by destination in a robot system, the method comprising:

defining a plurality of locations in a robotic cell, where each location is a position for a container;

creating a scheme of destinations;

reading a destination code from each of the plurality of items;

determining whether the destination code is assigned a location;